

L Number	Hits	Search Text	DB	Time stamp
1	153009	acetic adj acid	USPAT	2003/09/17 10:30
2	29274	(acetic adj acid) and (formic adj acid)	USPAT	2003/09/17 10:31
3	124	((acetic adj acid) and (formic adj acid)) and raffinate	USPAT	2003/09/17 10:31
4	119	((((acetic adj acid) and (formic adj acid)) and raffinate) and extract\$	USPAT	2003/09/17 10:31
5	50	(((((acetic adj acid) and (formic adj acid)) and raffinate) and extract\$) and ether and acetate	USPAT	2003/09/17 10:32
6	2	(((((acetic adj acid) and (formic adj acid)) and raffinate) and extract\$) and ether and acetate) and 203/\$.ccls.	USPAT	2003/09/17 10:33
7	9	(((((acetic adj acid) and (formic adj acid)) and raffinate) and extract\$) and ether and acetate) and 562/\$.ccls.	USPAT	2003/09/17 10:34
8	40	(((((acetic adj acid) and (formic adj acid)) and raffinate) and extract\$) and ether and acetate) and distil\$	USPAT	2003/09/17 10:40
9	135	203/15.ccls.	USPAT	2003/09/17 10:40
10	115	203/16.ccls.	USPAT	2003/09/17 10:41
11	88	203/45.ccls.	USPAT	2003/09/17 10:41
12	152	203/46.ccls.	USPAT	2003/09/17 10:42
13	12	(((((acetic adj acid) and (formic adj acid)) and raffinate) and extract\$) and ether and acetate) and stripping	USPAT	2003/09/17 10:42

L2 ANSWER 1 OF 1 WPIDS COPYRIGHT 2002 DERWENT INFORMATION LTD
 ACCESSION NUMBER: 1996-078095 [09] WPIDS
 DOC. NO. CPI: C1996-025883
 TITLE: Dehydration of acetic acid in adipic acid mfr. without
 cobalt salt pptn. - by azeotropic distn. with
 cyclohexane as entrainer to reduce water content to
 required low level before recycling as process acid.
 DERWENT CLASS: A41 E17
 INVENTOR(S): BURKHARDT, B; KYSELA, E
 PATENT ASSIGNEE(S): (FARB) BAYER AG
 COUNTRY COUNT: 1
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN	IPC
DE 4426132	A1	19960125	(199609)*		3	C07C053-08	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
DE 4426132	A1	DE 1994-4426132	19940722

PRIORITY APPLN. INFO: DE 1994-4426132 19940722

INT. PATENT CLASSIF.:

MAIN: C07C053-08

SECONDARY: C07C051-215; C07C051-46

BASIC ABSTRACT:

DE 4426132 A UPAB: 19960305
 Dehydration of process acetic acid from liq. phase oxidn. of cyclohexane
 with air in the presence of Co salts as catalyst is carried out in a
 dehydration colum, without pptn. of Co salts, after sepn. of the adipic
 acid by filtration and of the cyclohexane phase by phase sepn..
 Dehydration is carried out by azeotropic distn. of the acetic acid phase
 to be recycled, with addn. of cyclohexane, until the residual water
 content is less than 0.3 up to 0.7 wt.%.

ADVANTAGE - Maintaining the given residual water content prevents
 pptn. of Co salts.

Dwg.0/0

FILE SEGMENT: CPI

FIELD AVAILABILITY: AB; DCN

MANUAL CODES: CPI: A01-E12; E10-C02D2; E10-C04J2; N02-B01

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